

CENTRAL INTELLIGENCE AGENCY

COUNTRY Poland

DATE DISTR. 22 Jun 1954

SUBJECT Production Capacity and Output

NO OF PAGES 3

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SUPPLEMENT TO
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1. Sugar Beet Production in 1939

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a. In 1939 there were 61 sugar beet plants and refineries scattered throughout Poland.

(2) 30 in Central Poland
4 in Eastern Poland
22 in Western Poland
4 in Southern Poland

b. The total production of sugar beets attained in 1939 was 32,269 quintals X one thousand quintals.

c. Refined sugar totalled 270 X 1000 quintals.

d. Crystal sugar totalled 4449 X 1000 quintals.

e. Yellow cane sugar totalled 576 X 1000 quintals.

2. Ethyl Alcohol Produced in 1939

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- a. There were in existence 1396 alcohol plants and distilleries. There were six molasses plants producing alcohol in 1939. 1377 plants produced alcohol from potatoes.
- b. The 1396 alcohol plants were located as follows:
- (1) 312 in the Central Counties
 - (2) 74 in the Eastern Counties
 - (3) 649 in the Western Counties
 - (4) 361 in the Southern Counties
- c. Total production of 200 proof pure alcohol equalled 77782 X 1000 liters.
- d. Molasses produced alcohol totalled 9643 X 1000 liters (200 proof).
- e. Agriculturally produced equalled 68051 X 1000 liters.
- f. In addition to the above, 6121 X 1000 quintals of potatoes were attained. Also obtained were 364 X 1000 quintals of molasses.
3. Production of Lead
- a. In 1913 Poland produced 45 thousand tons of lead.
 - b. In 1938 Poland produced 15 thousand tons of lead.
4. Railway Industry
- In 1938 there were 185,300 workers engaged in railway transportation and labor.
- a. Operators consisting of engineers, conductors, brakemen and dispatchers were estimated at 55,700.
 - b. Further distribution of personnel was as follows:
- (1) Station maintenance 30,200
 - (2) Locomotive operators 13,000
 - (3) Conductors 11,100
 - (4) Maintenance and repair 31,300
- c. The following rolling stock was available:
- (1) 5293 locomotives
 - (2) 10489 passenger cars
 - (3) 153,394 wagons
5. Available Automobiles
- a. In 1938 there were approximately 27 thousand automobiles in Poland.
6. Distribution of power machinery in factories and plants employing 50 or more workers.

Numbers below expressed in simple figures

| Type of Industry | Steam Engines | Steam Turbines | Stationary Engine Locomotives | Water Turbines | Internal Combustion Engines | Electric Engines |
|------------------|---------------|----------------|-------------------------------|----------------|-----------------------------|------------------|
| Totals in Poland | 229 | 1119 | 2248 | 1121 | 3690 | 84135 |
| Mineralogy | 15 | 305 | 297 | 10 | 279 | 3251 |
| Metallurgy | 39 | 294 | 86 | 16 | 226 | 26003 |
| Chemical | 53 | 109 | 56 | 12 | 228 | 12314 |
| Electrical | 3 | 5 | 1 | 2 | 19 | 1081 |

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7. Power installed in terms of one thousand horse power in 1937.

Numbers below expressed in simple figures

| Type of Industry | Steam Engines | Steam Turbines | Stationary Engine Locomotives | Water Turbines | Internal Combustion Engines | Electric Engines |
|------------------|---------------|----------------|-------------------------------|----------------|-----------------------------|------------------|
| Totals in Poland | 552.3 | 457.2 | 1134 | 96.2 | 157.9 | 1072.5 |
| Mineralogy | 40 | 29 | 16 | .4 | 8.6 | 80 |
| Metallurgy | 119 | 107 | 5.7 | 16 | 30 | 372 |
| Chemical | 189 | 34 | 4 | 3.9 | 8.2 | 190 |
| Electrical | 1.5 | 1.7 | 0 | 0 | 1.1 | 17 |

8. Total power of all engines in all industry in 1938 approximated 3,500,000 horsepower.

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